

1900nm~1910nm 800mW Fiber Coupled Laser Diode Module | Built-in TEC Cooler |9-Pin HHL Package

1900m 800mW|9-PIN Package| 105um 200um 400um Fiber Core| High Power Infrared LD | PD Optional

WSLX-1900-800m-M-H9-T

Wavespectrum Laser Group

en.wavespectrum-laser.com.cn

PARAMETER	SYMBOL	VALUE	UNIT
Reverse Voltage	$V_r$	2.0	V
Operating Temperature	$T_{op}$	+10 ~ +30	°C
Storage Temperature	$T_{stg}$	-20 ~ +80	°C
Lead soldering temperature (10 sec.)	$T_{is}$	260	°C

**Features:**

- 1900nm
- Multi-mode Fiber
- 9-Pin Package
- Built-in TEC Cooler
- Built-in Photodiode Optional

**Applications:**

- Medical Laser Treatment
- Others



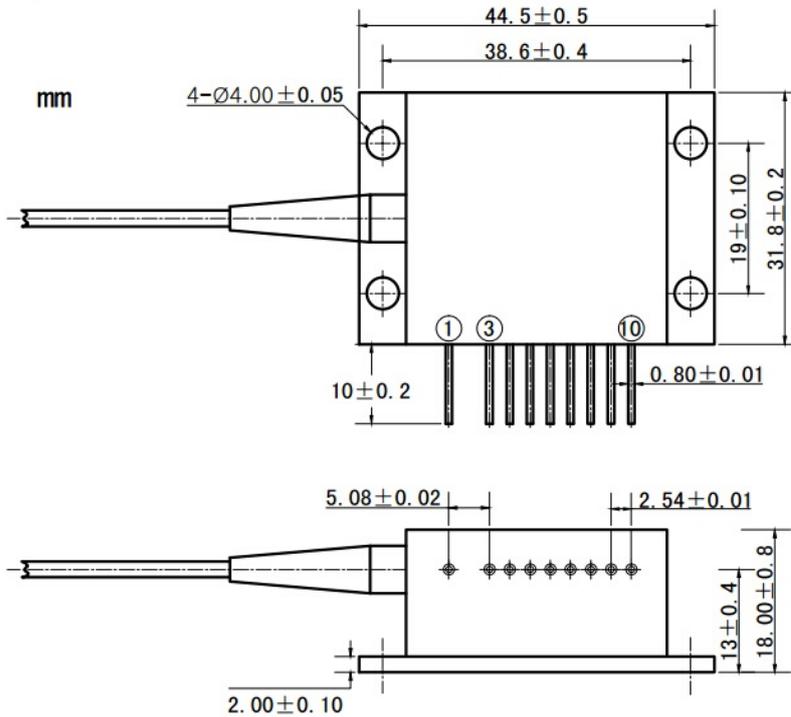
**Specifications**

WSLX-1900-800m-M-H9-T

	Min.	Type	Max.
Center Wavelength@25°C	1900nm±50nm		
Spectral Width (FWHM)	----	10nm	----
Output Power	700mW	800mW	----
Temperature Coefficient of Wavelength	----	0.7nm / °C	----
Threshold Current (Typ.)	----	1.2A	----
Operating Current (Typ.)	----	7.0A	----
Operating Voltage	----	1.5V	----
Recommended Case Temperature	25°C		
TEC Max. Current	6A		
TEC Max. Voltage	9.8V		
Thermistor	10K		
Fiber Core Diameter	105um		
Fiber Numerical Aperture	0.22		
Fiber Length	>80cm		
Connector Type	SMA905/ST/FC		
Package Style	9-Pin		



9-Pin Package View:



PIN	FUNCTION
1	TEC (-)
2	-
3	CASE
4	LD (+)
5	THERM
6	THERM
7	LD (-)
8	-
9	-
10	TEC (+)

Wavespectrum offer **Customized 1900nm Fiber Coupled LD.**

- Customized Output Power
- Customized Fiber Core
- Dual-Wavelength or Tri-Wavelength Module Optional (such as 2W@1900nm+350mW@635nm)

Contact us with [info@wavespectrum-laser.com](mailto:info@wavespectrum-laser.com)

Electrically shorten LD module and store in non-extreme conditions.

Suggest using the constant current power supply.

